

Emission Sources - Maximum Allowable Emission Rates

Permit Number 74398

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
B-3	Boiler 3	NOx	1.49	6.53
		CO	1.53	6.70
		VOC	0.22	0.98
		SO2	0.02	0.11
		PM10	0.31	1.35
		PM2.5	0.31	1.35
B-4	Boiler 4	NOx	1.91	8.36
		CO	1.96	8.58
		VOC	0.29	1.25
		SO2	0.03	0.14
		PM10	0.39	1.73
		PM2.5	0.39	1.73
H-1	Heater 1	NOx	1.96	8.59
		CO	1.65	7.21
		VOC	0.11	0.47
		SO2	0.01	0.05
		PM10	0.15	0.65
		PM2.5	0.15	0.65
H-2	Heater 2	NOx	2.45	10.74
		CO	2.06	9.02
		VOC	0.13	0.59
		SO2	0.01	0.06
		PM10	0.19	0.82
		PM2.5	0.19	0.82

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
H-3	Heater 3	NOx	1.18	5.15
		CO	0.99	4.33
		VOC	0.06	0.28
		SO2	0.01	0.03
		PM10	0.09	0.39
		PM2.5	0.09	0.39
FLR-1	Flare	NOx	20.12	4.87
		CO	51.06	12.36
		VOC	159.23	17.12
		SO2	0.01	0.01
F-1	Fugitives (5)	VOC	1.55	6.81
TT-W	West Tank Truck Loading	VOC	26.01	(6)
		NaOH	0.01	(6)
		H2SO4	0.01	(6)
TT-E	East Tank Truck Loading	NOx	6.50	(6)
		NaOH	0.01	(6)
		H2SO4	0.01	(6)
TT-399	North Tank Truck Loading	VOC	6.50	(6)
		NaOH	0.01	(6)
		H2SO4	0.01	(6)
RC-1	Rail Car Loading	VOC	13.00	(6)
		NaOH	0.01	(6)
		H2SO4	0.01	(6)
	Annual Rail Car/Tank Truck Loading Emissions	VOC	-	8.95
		NaOH	-	0.02
		H2SO4	-	0.02
	Storage Tank Emission Cap (EPNs T-100, T-200, T-300, T-400, T-500 and T-600)	VOC	94.86	8.95
		NaOH	0.01	0.01
		H2SO4	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
BRG-1	Barge Loading	VOC	22.76	3.78
		NaOH	0.01	0.01
		H2SO4	0.01	0.01
CT-1	Cooling Water System	VOC	1.04	4.54

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
NaOH - sodium hydroxide
H2SO4 - sulfuric acid
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emission rates subject to EPN "Annual Rail Car/Tank Truck Loading Emissions."

Date: DRAFT